

**DIVISION OF ENVIRONMENTAL HEALTH
SOLID WASTE PROGRAM
610 UNIVERSITY AVENUE
FAIRBANKS, ALASKA 99709-3643**
<http://www.state.ak.us/dec/home.htm>

**Telephone: (907) 451-2108
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File Number: 225.15.001

June 30, 1998

CERTIFIED MAIL—RETURN RECEIPT REQUESTED #

Mr. Jonathon Blackburn, President
Minchumina Landfill Inc.
P.O. Box 35
Lake Minchumina, AK 99757

Re: Minchumina Landfill, Inc. Solid Waste Disposal Permit #9831-BA002

Dear Mr. Blackburn:

The Department of Environmental Conservation has completed its evaluation of your request for a solid waste disposal permit to allow for the operation and maintenance by Minchumina Landfill, Inc., of a Class III municipal solid waste landfill for the disposal of household domestic refuse and ash, commercial refuse, and construction and demolition debris. The landfill is located approximately 1/2 Mile Landfill Road, Lake Minchumina; Section 5, tract A (State of Alaska Patent No. 16356, ADL No. 2248002, ALS 97-44, Survey Plat 97-124), Township 12S., Range 24W., Fairbanks Meridian, Alaska

The Department issues this permit in accordance with AS 46, 18 AAC 15, and 18 AAC 60. Please review the conditions and stipulations in the permit and ensure they are all understood. This permit is effective upon issuance and expires **June 15, 2003**.

Please note that there are new Federal requirements under 40 CFR Part 258, Solid Waste Disposal Regulations. Because the State of Alaska does not yet have an EPA-approved solid waste program, there will be some differences between what is required under state regulations and the requirements of the federal regulations. The state is currently trying to gain program approval from EPA.

Any person who disagrees with this decision may appeal the decision by requesting an adjudicatory hearing using the procedures contained in 18 AAC 15.200-310. Hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 410 Willoughby Avenue, Suite 105, Juneau, Alaska 99801-1795, within 30 days of receipt of this letter. If a hearing is not requested within 30 days, the right to appeal is waived and the decision becomes final. Even if an adjudicatory hearing has been requested and granted, all permit

Mr. Jonathon Blackburn, President

June 29, 1998

conditions remain in full force and effect. Please also send a copy of the request to the undersigned.

Sincerely,

Heather T. Stockard
Solid Waste Program Manager

KM/ (DEC Fbx K:\EH\SW\1998\9831-002.doc)

Enclosure: * Permit 9831-BA002

cc w/enc.: Kris McCumby, ADEC/Fairbanks
 Trustees for Alaska/Anchorage

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL HEALTH
610 UNIVERSITY AVENUE
FAIRBANKS, ALASKA 99709-3643**

SOLID WASTE DISPOSAL PERMIT

Permit: **9831-BA002**

Date: June 30, 1998

This Solid Waste Disposal Permit is issued to Minchumina Landfill, Inc. for the operation and maintenance of a Class III Municipal Solid Waste Landfill for the disposal of household domestic refuse and ash, commercial refuse, and construction and demolition debris. The facility is located at approximately 1/2 Mile Landfill Road near Lake Minchumina in Section 5, tract A (State of Alaska Patent No. 16356, ADL No. 2248002, ALS 97-44, Survey Plat 97-124), Township 12S., Range 24W., Fairbanks Meridian, Alaska. This permit is subject to the conditions and stipulations contained in Appendices A and B which are incorporated herein by reference.

This permit is issued under provisions of Alaska Statute 46.03, the Alaska Administrative Code, as amended or revised, and other applicable State laws and regulations.

This permit is effective upon issuance and expires **June 15, 2003**. It may be terminated or modified in accordance with AS 46.03.120.

Heather T. Stockard,
Solid Waste Program Manager

APPENDIX A—SPECIFIC CONDITIONS**I. SITE DEVELOPMENT**

The permit holder shall:

- A. Comply with the designs and plans in the application dated March 29, 1998 with supplemental information received May 7, 1998 as well as the following permit conditions. Additional modifications may be requested but must be authorized by a permit amendment before that modification is effective.
- B. Ensure that all operations will accommodate the waste volume and are done in a manner that will facilitate landfill closure.
- C. Ensure by constructing and maintaining diversion structures such as ditches or berms that surface water from outside the facility does not flow onto the facility and over, into, or through uncovered or covered solid wastes.
- D. Erect and maintain a readily visible sign at the site with the following information legibly printed:

Facility Operator Identification
[Operator/Owner Name]
[Conditions for Use]
[Emergency Phone Numbers]

- E. Erect and maintain a sign at the entrance to the site that lists items that may not be disposed of such as: acids, corrosives, solvents, oily wastes, explosives, hazardous wastes, radioactive wastes, or unsterilized medical waste.
- F. Erect and maintain readily visible signs in the facility directing users to the various disposal areas (e.g., the active disposal area or the salvage area) and listing pertinent rules for public use.
- G. Ensure that the site is managed in such a way as to prevent attracting wildlife or domestic animals to the facility.
- H. Construct and maintain fences and a lockable gate to control site and wildlife access. The gate will be kept closed but not locked unless the public does not cooperate by obeying the posted guidelines and practices outlined in the landfill operations plan.

II. SITE OPERATION

The permit holder shall:

A. General Operating Procedures

1. Ensure that only domestic and commercial solid waste, construction and demolition wastes, and ash are disposed of at this site.
2. Maintain a controlled designated salvage area for the public. The area will be cleaned up on an annual basis and unused materials placed in the active cell area for disposal. Salvage area cleanups will be conducted on a more frequent basis if the area becomes a litter, nuisance, or safety problem.
3. Ensure that the public is made aware of the rules and the operations plan for the landfill. Public access to the facility must be controlled to reduce risks to health and safety.
4. Ensure that all loads of waste transported to the landfill are covered during transport to reduce the potential for litter along the access road to the site.

B. Animal/Fish Waste

1. Ensure that large quantities of animal and fish wastes are not disposed of at the site.

C. Burial/Cover of Wastes

1. Consolidate and compact all loose refuse and cover with a minimum of six inches of compacted soil at least once each month during the summer months when soils are workable. Consolidation, compaction, and burial will be required on a more frequent basis to reduce nuisances, animal attraction, or blowing litter if the Department determines there is a problem.
2. Consolidate and compact all loose refuse once each month during the winter months. Cover compacted waste with a minimum of six inches of soil as soon as soils are workable in spring.
3. Ensure the working face is kept as small as practical to reduce the potential for windblown litter and for the attraction of birds and animals.
4. Ensure that the maximum disposal cell working face does not exceed 50 feet in width and the depth does not exceed five feet.

II. SITE OPERATION (cont.)

5. Ensure that solid wastes will not be placed in surface waters.
6. Ensure that a minimum four-foot separation distance between the base of the disposal cell and the seasonal high water table at the site.
7. Ensure the wastes placed in the disposal cell are compacted in two foot increments, with a minimum of five passes of the dozer/compaction equipment on site prior to placement of the six inches of cover material.
8. Ensure that waste oils or oily wastes are managed in accordance with 40 CFR 279. Oil filters must be hot drained and crushed or incinerated prior to disposal.
9. Ensure that all large containers (e.g., cleaned barrels or drums) are crushed and flattened to prevent voids in the fill. Ensure that all nonsalvageable drums are empty of fluids prior to crushing and burying. All fluids removed from drums will be properly disposed of in accordance with all applicable State and Federal laws, including but not limited to, RCRA, the Clean Water Act, the Clean Air Act, Title 46 of Alaska Statutes and 18 AAC 60.
10. Maintain a separation distance of 50 feet between the designated disposal area and the property boundary.
11. Ensure that scrap vehicles or automobiles have been drained of all petroleum products and coolants and that the lead-acid batteries have been removed prior to disposal at the site.
12. Remove regulated chlorofluorocarbons (CFCs) in refrigerators and freezers prior to disposal in the landfill.

D. Burning

1. Prohibit burning on the working face and immediately extinguish any fires that occur on the working face.
2. Notify the Department of Environmental Conservation, Fairbanks Office, at 451-2180 if any fires occur on the working face.

II. SITE OPERATION (cont.)

E. Access

1. Construct and maintain on-site roads as necessary to ensure adequate traffic control. Adequate traffic control means that the site supervisor will maintain positive control of all persons who are within the landfill boundaries and that refuse will be deposited in approved locations. Dumping in unauthorized areas violates conditions of this permit and Alaska Administrative Codes.

F. Litter

1. Collect all windblown and littered refuse from the disposal site and along the access and entrance roads at least once each month during summer months. Return litter to the active disposal area for burial. All littered wastes on lands within 500 feet of the site, whether windblown or dumped, will be collected and disposed of at a frequency necessary to prevent this litter from becoming an aesthetic nuisance.

G. Snow Control

1. Remove snow where possible from the disposal cell operations area prior to spring snow melt.
2. Deposit removed snow in an area away from the working face within the landfill and clean up any accumulated litter in that area after the snow melts.
3. Erect snow fences or berms as necessary to control blowing snow at the site.

III. PROHIBITIONS AND SPECIAL RESTRICTIONS

The permit holder shall:

- A. Prohibit discharge of firearms at the facility.
- B. Prohibit disposal of regulated asbestos containing material at this site.
- C. Prohibit disposal of hazardous wastes, as defined in 40 CFR 261.3, oily wastes, waste oil, greases, paints, industrial sludges, and chemical wastes at this facility.
- D. Prohibit disposal of lead-acid vehicle batteries at this site.

III. PROHIBITIONS AND SPECIAL RESTRICTIONS (cont.)

- E. Prohibit storage of used oil, antifreeze, or bulk liquids at the landfill site.
- F. Prohibit the disposal of bulk liquids (over one gallon) at the site.
- G. Prohibit disposal of contaminated soil which contains metals or other chemicals in concentrations which the Department determines poses an unacceptable risk to human health or the environment.
- H. Prohibit the disposal of unsterilized medical waste.

IV. MONITORING AND REPORTING

The permit holder shall:

- A. Visually monitor the site each month for signs of damage, potential damage, or permit violations from settlement, ponding, frost action, leakage, erosion, or operations at the facility. Retain the results of visual monitoring in the operating record of the facility for review by employees or by ADEC during inspections.
- B. Maintain a set of site development and use plans and submit an updated copy to the Department showing the current status of site development (e.g., disposal cells opened and closed in a given year) by **July 1** of each year.
- C. Photograph the disposal site:
 - 1. As prepared for waste disposal.
 - 2. During waste deposition at least once per year.
 - 3. After final cover has been applied.
 - 4. After revegetation during the summer following closure.

Photos taken under 1, 2, and 3 should be submitted within 60 days of closure, and photos under 4 within one year of closure.
- D. Maintain an Operating Record readily accessible to the community or at the landfill containing:
 - 1. A copy of the permit application and this permit.
 - 2. Inspection records, training procedures, and notification procedures required by 18 AAC 60.240.

IV. MONITORING AND REPORTING (cont.)

3. Any demonstration, certification, or monitoring data required in this permit including how the facility meets Class III criteria.
4. The operating plan described in 18 AAC 60.210(b)(9).
5. As-built drawings of the landfill.
6. Location restriction demonstrations such as those for minimum distance to runways or flood plains.
7. Copies of visual monitoring records.

V. CLOSURE AND RESTORATION

The permit holder shall:

- A. Notify the Department's Fairbanks/Northern Office at least 30 days before the site is to be permanently closed and the equipment withdrawn.
- B. Ensure that a final cover is applied within 90 days after the last waste is deposited which consists of a minimum of two feet of material. The top six inches will consist of soil which will promote adequate water retention for the successful revegetation of the site with native vegetation or grasses.
- C. Ensure that the covered areas and drainage control structures are graded to promote and maintain surface water runoff, to prevent ponding and erosion, and to minimize the amount of water entering the solid waste.
- D. Develop and implement a vegetative cover plan for completed areas within the first growing season after closure, using plant species recommended by the Alaska Plant Material Center (907-745-4469).
- E. Complete additional surface restoration work if the Department determines that significant erosion, ponding, settlement, or lack of success with revegetation has occurred within five years of facility closure.
- F. Prepare as-built or record drawings or a survey showing the location, volume, and types of wastes deposited at the solid waste disposal site. File these records with the Fairbanks ADEC Office, Solid Waste Program within 60 days of the final closure or of the expiration of this permit.

V. CLOSURE AND RESTORATION (cont.)

- G. File a copy of these records (as-built or record drawings or a survey showing the location, volume, and types of wastes deposited at the solid waste disposal site) with the relevant State Recorder's Office (SRO, Alaska Department of Natural Resources). These records must include searchable legal descriptions. Submit proof of SRO recording to ADEC Fairbanks.
- H. Within 60 days after the entire facility is permanently closed to landfilling, file a notation with the relevant State Recorder's Office which informs future property owners that use of the land may not disturb the integrity of the final cover, cap, or other structures or devices installed as part of landfill closure, unless approved by ADEC.

APPENDIX B—GENERAL PERMIT CONDITIONS**I. ACCESS AND INSPECTION**

The permittee shall allow the Commissioner or her/his representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, State laws, and regulations.

II. INFORMATION ACCESS

Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit shall be available for public inspection at the State of Alaska Department of Environmental Conservation, Fairbanks Office, 610 University Avenue, Fairbanks, Alaska 99709-3643.

III. CIVIL AND CRIMINAL LIABILITY

Nothing in this permit shall relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond his control, including, but not limited to, accidents, equipment breakdowns, or labor disputes.

IV. AVAILABILITY

The permittee shall post or maintain a copy of this permit available to the public at the disposal facility.

V. ADVERSE IMPACT

The permittee shall take all necessary means to minimize any adverse impacts to the receiving waters or lands resulting from noncompliance with any limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the noncomplying activity. The permittee shall cleanup and restore all areas adversely impacted by the noncompliance.

VI. CULTURAL OR PALEONTOLOGICAL RESOURCES

Should cultural or paleontological resources be discovered as a result of this activity, work which would disturb such resources is to be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, is to be notified immediately (907-269-8721).

VII. APPLICATIONS FOR RENEWAL

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than thirty (30) days before the expiration date of the permit or the planned effective date of the amendment.

VIII. OTHER LEGAL OBLIGATIONS

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the permittee. This permit does not relieve the permittee from the duty to obtain any and all necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the permittee pursuant to the terms of this permit and all plans implemented by the permittee pursuant to the terms of this permit shall comply with all applicable state and federal laws and regulations.

IX. POLLUTION PREVENTION

In order to prevent and minimize present and future pollution, when making management decisions that affect waste generation, the permittee shall consider the following order of priority options: waste source reduction; recycling of waste; waste treatment; and waste disposal.